

IT Engineer

Networks R&D

Experience

- Since November 2008
- **Research engineer** at QOSMOS (<http://www.qosmos.com/>).
- September 2006-October 2008
- **Research engineer** at Motorola Edge Mobile Networking Lab (France). Participation to internals, RNRT and europeans **research projects** about network and transport layers in the **mobile networking** field. Solutions definition, architecture, prototyping, evaluation and tests on **embedded Linux platforms**. Networking **technologies watch** (IETF, WiMAX Forum, 3GPP, IEEE).
- February-August 2006
- Training placement at Motorola Edge Mobile Networking Lab (France). Development and tests of **mobile IP solutions**, over **various network access technologies**, like Ethernet, Wifi, GPRS or Bluetooth. Port and tests of these solutions on **embedded Linux platforms**.
- April-August 2005
- Training placement at Motorola Edge Mobile Networking Lab (France). Development and tests of **TCP/IPv6 performance optimization algorithms**, for **mobile environments**. Realized on GNU/Linux (**kernel space** and **userspace**).

Academic Achievements

- 2004-2006
- **Specialized degree in networking computing** for engineers at the EERIE Institute of the École des Mines d'Alès.
- 2001-2004
- **French generalist engineer degree** at the French engineering school École des Mines d'Albi-Carmaux.
- English
- **fluent** (IELTS: 7/9, TOEIC: 910/990)
- IT skills
- **Programming languages:** C, C++, Python.
Networking: TCP, UDP, IP (v4/v6), ICMP (v4/v6), Mobile IP (v4/v6), IP multicast (v4/v6), on Ethernet, Wifi, cellular or Bluetooth.
Embedded systems : OpenWrt, OpenEmbedded, Symbian.
Operating systems: GNU/Linux, *BSD, Solaris, Windows.

Hobbies and interests

- Non-profit and free software
- Active member of the non-profit organization French Data Network (<http://www.fdn.fr/>). Participation to various free software projects such as OpenWrt (<http://openwrt.org/>). Personal free software projects available at <http://www.benou.fr/~ben/>.
- Reading
- Newspapers, Fantasy, SF and scientific and computing magazines.
- Sport
- Roller, Wii.